

Chapter 15

Technological Impact on Educational System and Societal Influence

Abayomi Ayodeji Adedokun

Fisyom Educational, USA

ABSTRACT

The technology use has been an enormous factor in educational development all over the globe. Despite technological constraints in many developing countries, emphasis on technology use cannot but be referenced. There has been a pattern of technology use and integration in many colleges, but the passion for technology use has not been completely appraised by all the stakeholders. Obviously, technology use can positively and negatively affect student learning. However, control over negative uses of technology rests in the hand of both parents and teachers. Apparently, technology use in today's educational system should create an atmosphere that fosters creativity among the students.

INTRODUCTION

In today technological world, teaching and learning process has experience a new move than it used to be. Governments are now making different positive decisions and policies to make the use of technology in education a unique and generally acceptable tool in educational setting. The use of personal devices that has become one of the personal mobile properties has been encouraged in many of the America schools as to increase the technology use. Many school districts found it more economical by allowing students in their schools to bring their own devices to school (Kiger & Herro, 2015). Studies have established it that students are more efficient and confident in using their own technological devices (Riedel, 2014). The authorization of BYOD in schools are now transforming the class learning to more creative environment where teacher are now collaborator than enforcer of learning content. Learning has been simplify and can be carried all about without learner been hindered whenever he/she felt learning needs

DOI: 10.4018/978-1-5225-9746-9.ch015

to take place (ION, 2015). Talking about technology use in educational setting, the facts still remains that human roles cannot be substituted for technology alone and the use of technology is not hundred percent effective since it still depends on been properly used according to manufacturer specifications.

Kelm 2011 mentioned that despite many faculty members not accepting the importance of technology use and integration in teaching learning process, the vacuum of not using technology for productive reasons would still be hanging. Using technology in productive manner with the guardian of the teacher always brings creativity that help students to be in control of their study (Micheal, 2015). Although, there are different technologies that can advance development, the use of such to facilitate meaningful engagement in learning and societal values depends on reasons why such technologies is being used and what intended to derived from using them.

Background of the Study

It has been noticed that people talked more about the negative aspect of the technology than the good side of it. Moreover, up till today the perception of people towards technology use are not encouraging. Many people use to address technology itself to be social media or as tools use in office. The impact of technology in our lives cannot be overemphasized. Technology use has help academic advancement in so many ways in advance countries, which many of us are beneficiary of it and taking it to high level to produce more results that are favorable has not been encourage in many African countries.

Purpose of the Study

The purpose of this study is to establish the impact of technology on education and how it influence society at large. The facts still remains that man makes the technology, and if not use and guide in proper way can result in negative effect (Martinez & McGrath, 2014). Technology has its good, bad, and ugly sides. However, the proper use will depend on parents, teachers, and government effort toward effective use to produce desire results (Adiat, Ahmad, & Ghazali, 2013). Every productive society shows their worth by what they produce, and any successful students demonstrate how good they are by their results. The good aspect of technology are more than the bad, and the ugly aspect of it need to be addressed by the people (society). As a result, this study will establish the success of using technology of social media in teaching and learning process.

LITERATURE REVIEW

In the world of education, the teacher's role cannot be overemphasized, likewise the role of technology cannot be neglect in social life. The use of technology in education has become vast: governments across the globe clamoring for its use in their schools (Project Tomorrow, 2013). Although, the role of government in many African countries have not been felt in funding and sponsoring technology in education like other advanced nations (Moruf, 2015). However, the brain behind technology use and its integration is teachers, and their perspectives on usage matters in successful executing any form of technology (Martinez & McGrath, 2014). Despite the fact that technology use is extremely popular in most of the Western world, this is not the case in many of underdeveloped and developing countries

9 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage:

www.igi-global.com/chapter/technological-impact-on-educational-system-and-societal-influence/235820

Related Content

Importance of Data Management in Digital Media Literacy: Integration of Cultural Elements in Children With Deep Learning Techniques

Yavuz Kömeçolu, Zümrüt Muftuoğlu, Can Umay, Aysin Tasdelen and Sebnem Ozdemir (2019). *Handbook of Research on Media Literacy Research and Applications Across Disciplines* (pp. 235-247).

www.irma-international.org/chapter/importance-of-data-management-in-digital-media-literacy/232063

Addressing Social Inclusion via eDemocracy Applications: Which Role for Human Rights?

Evika Karamagioli (2013). *Digital Literacy: Concepts, Methodologies, Tools, and Applications* (pp. 1305-1319).

www.irma-international.org/chapter/addressing-social-inclusion-via-edemocracy/68509

A Discipline Approach: The Relationship Between Media Literacy And Social Studies

Hacer Dolanbay (2019). *Handbook of Research on Media Literacy Research and Applications Across Disciplines* (pp. 50-64).

www.irma-international.org/chapter/a-discipline-approach/232049

Can I Consider the Pong Racket as a Part of My Body?: Toward a Digital Body Literacy

Stefano Di Tore, Paola Aiello, Pio Alfredo Di Tore and Maurizio Sibilio (2012). *International Journal of Digital Literacy and Digital Competence* (pp. 58-63).

www.irma-international.org/article/can-consider-pong-racket-part/69162

Educational Chances for Cultural Expressions out of the New Technologies: EU Policies and the Case of Contexts in Archaeology

Enrico Proietti (2012). *International Journal of Digital Literacy and Digital Competence* (pp. 32-48).

www.irma-international.org/article/educational-chances-cultural-expressions-out/67533